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PTO/SB/05 (03-01) Approved for use through 10/31/2002. OMB 0651-0032 Please type a plus sign (+) inside this box ----U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY
PATENT APPLICATION
TRANSMITTAL

Attorney Docket No. A1148.0000/P008 First Inventor Dan A. Steinberg OPTICAL BENCH WITH ALIGNMENT, etc. Title

Express Mail Label No. (Only for new nonprovisional applications under 37 CFR 1.53(b)) **Box Patent Application** APPLICATION ELEMENTS ADDRESS TO: Commissioner for Patents See MPEP chapter 600 concerning utility patent application contents. Washington, DC 20231 CD-ROM or CD-R in duplicate, large table or Fee Transmittal Form (e.g., PTO/SB/17) Computer Program (Appendix) (Submit an original, and a duplicate for fee processing) Nucleotide and/or Amino Acid Sequence Submission Applicant claims small entity status. 8. 2. (If applicable, all necessary) See 37 CFR 1.27. 21 Computer Readable Form (CRF) Specification [Total Pages 3. Χ (preferred arrangement set forth below) Specification Sequence Listing on: - Descriptive title of the invention - Cross Reference to Related Applications CD-ROM or CD-R (2 copies); or paper - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, Statements verifying identity of above copies C. or a computer program listing appendix Background of the Invention ACCOMPANYING APPLICATIONS PARTS - Brief Summary of the Invention - Brief Description of the Drawings (if filed) 9 Assignment Papers (cover sheet & document(s)) - Detailed Description 37 CFR 3.73(b) Statement Power of - Claim(s) 10. - Abstract of the Disclosure Attorney (when there is an assignee) English Translation Document (if applicable) 11 11 X Drawing(s) (35 U.S C. 113) Total Sheets Information Disclosure Copies of IDS Χ [Total Pages 12. Oath or Declaration Statement (IDS)/PTO-1449 Citations Preliminary Amendment 13. Newly executed (original or copy) a. Return Receipt Postcard (MPEP 503) Copy from a prior application (37 CFR 1.63(d)) 14. Х (for continuation/divisional with Box 18 completed) (Should be specifically itemized) Certified Copy of Priority Document(s) 15. DELETION OF INVENTOR(S) (if foreign priority is claimed) Signed statement attached deleting inventor(s) named in the prior application, Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). 16. Applicant must attach form PTO/SB/35 or its equivalent. see 37 CFR 1 63(d)(2) and 1 33(b) Other: 17. Application Data Sheet See 37 CFR 1.76 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1 76 Continuation-in-part (CIP) of prior application No.: Divisional Continuation Group / Art Unit: Prior application information: Examiner For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS 26086 X Customer Number or Bar Code Label Correspondence address below or Haleos, Inc. Name Martin G. Meder, Esq. 3150 State Street Address Zip Code | 24060 VA State Blacksburg City (540) 553-3717 (540) 230-0951 Fax Telephone US Country

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known Not Yet Assigned Application Number November 16, 2001 Filing Date Dan A. Steinberg First Named Inventor Not Yet Assigned **Examiner Name** Not Yet Assigned Group Art Unit A1148 0000/P008

TOTAL AMOUNT OF PAYMENT (\$) 1,286.00	Attorney Docket No. A 1140.0000/1 000							
METHOD OF PAYMENT		FEE CALCULATION (continued)						
1. The Commissioner is hereby authorized to charge		3. ADDITIONAL FEES						
indicated fees and credit any overpayments to:		Entity	Smail	l Entity				
Deposit Account Number		Fee (\$)	Fee Code	Fee (\$)		Fee Paid		
Deposit	105	130	205	65	Surcharge – late filing fee or oath			
Account Name	127	50	227	25	Surcharge – late provisional filing fee or cover sheet.			
X Charge Any Additional Fee Required Under 37 CFR 1 16 and 1 17 Applicant claims small entity status See 37 CFR 1 27		130	139	130	Non-English specification			
		2,520	147	2,520	For filing a request for ex parte reexamination			
2. X Payment Enclosed	112	920*	112	920*	Requesting publication of SIR prior to Examiner action			
X Check Credit Card Money Order Other	113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action			
FEE CALCULATION	115	110	215	55	Extension for reply within first month			
1. BASIC FILING FEE	116	390	216	195	Extension for reply within second month			
Large Entity Small Entity	117	890	217	445	Extension for reply within third month			
Fee Fee Fee Fee Description Fee Paid	118	1,390	218	695	Extension for reply within fourth month			
101 710 201 355 Utility filing fee 740.00	128	1,890	228	945	Extension for reply within fifth month			
106 320 206 160 Design filing fee	119	310	219	155	Notice of Appeal			
107 490 207 245 Plant filing fee	120	310	220	155	Filing a brief in support of an appeal			
108 710 208 355 Reissue filing fee	121	270	221	135	Request for oral hearing			
114 150 214 75 Provisional filing fee	138	1,510	138	1,510	Petition to institute a public use proceeding			
SUBTOTAL (1) (\$) 740.00		110	240	55	Petition to revive – unavoidable			
		1,240	241	620	Petition to revive - unintentional			
2. EXTRA CLAIM FEES Extra Fee from Claims below Fee Paid	142	1,240	242	620	Utility issue fee (or reissue)			
Total Claims 41 -20** = 21 X 18 = 378.00	143	440	243	220	Design issue fee			
Independent 5 -3* = 2 x 84 = 168.00	144	600	244	300	Plant issue fee			
Claims	122	130	122	130	Petitions to the Commissioner			
	123	50	123	50	Processing fee under 37 CFR 1.17(q)			
Large Entity Small Entity	126	180	126	180	Submission of Information Disclosure Stmt			
Fee Fee Fee Fee Fee Description Code (\$) Code (\$)	581	40	581	40	Recording each patent assignment per property (times number of properties)			
103 18 203 9 Claims in excess of 20	146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))			
102 80 202 40 Independent claims in excess of 3 104 270 204 135 Multiple dependent claim, if not paid	149	710	249	355	For each additional invention to be examined (37CFR 1.129(b))			
** Reissue independent claims		710	279	355	Request for Continued Examination (RCE)			
over original patent	169	900	169	900	Request for expedited examination of a design application			
110 18 210 9 ** Reissue claıms in excess of 20 and over original patent	Other	r fee (spe	cify)		T.F			
SUBTOTAL (2) (\$) 546.00	*Red	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0 00						
**or number previously paid, if greater, For Reissues, see above	<u>L</u>							

SUBMITTED BY				
Registration No.	39,803	Telephone	(202) 775-4798	
y was now going		Date	November 16, 2001	
	Registration No. (Attorney/Agent)		(Attorney/Agent) 39,803 Telephone	